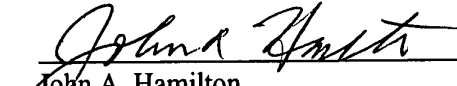


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John A. Hamilton  
Reg. No. 48,946

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Richard P. TORTI, *et al.* Examiner: Zia R. HASHMI  
Serial No: 09/811,904 Art Unit: 2881  
Filed: March 19, 2001  
For: DETECTOR AND METHOD FOR CLUSTER ION BEAM DIAGNOSTICS

PERKINS, SMITH & COHEN  
One Beacon Street  
Boston, MA 02108  
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To: Mail Stop Non-Fee Amendment  
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P.O. Box 1450  
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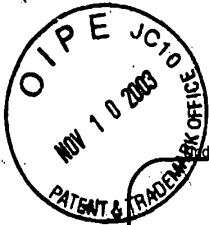
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**RESPONSE (B) TO OFFICE ACTION PURSUANT TO 37 C.F.R. §1.111**

Dear Sir:

This reply is being provided in response to the (non-final) Office Action dated 06 August 2003, for the above-captioned U.S. patent application. No fees are believed necessary for consideration of this reply, however if the payment of such fees are deemed necessary, such fees are hereby authorized to be charged to our Deposit Account No. 03-2410, Order No. 11460-109.

Through the Remarks that follow, Applicants respectfully traverse the rejections of pending claims 1-51 noted in the Action.



2881

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/811,904
	Filing Date	March 29, 2001
	First Named Inventor	Richard P. Torti
	Art Unit	2881
	Examiner Name	Zia R. Hashmi
Total Number of Pages in This Submission	Attorney Docket Number	11480-109

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return postcard.
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	John A. Hamilton, Reg. No. 48,946
Signature	<i>John A. Hamilton</i>
Date	November 6, 2003

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	John A. Hamilton
Signature	<i>John A. Hamilton</i>
Date	November 6, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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